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author's classification of the Carboniferous of Nova Scotia is summarized in the following table :

Formations		Northern areas		Southern areas		Order		
Neo-Carboniferous	{	Cape John	{	Cape John Sandstones	-	-	XII	
		Pictou		Pictou Freestones	-	-	-	XI
		Smelt Brook		Smelt Brook shales	-	-	-	X
		Small's Brook		Spirorbis limestones	-	-	-	IX
		New Glasgow		N. Glasgow conglomerates			-	VIII
				Coal Measures	-	-	-	VII
Unconformity								
Meso-Carboniferous	{	Stellarton	{	Millstone grit	{	Millstone grit	VI	
		Westville		Unconformity(?)		V		
		Hopewell		Hopewell and		} IV		
		Windsor		Windsor			III	
Unconformity - - - - II								
Eo-Carboniferous	{	Union		Union	}		I	
		Riversdale		Riversdale				

T. C. C.

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Transactions of the Australasian Institute of Mining Engineers, Vol. VI. Edited by A. S. KENYON, Sec., Melbourne, 1900; pp. 247.

The following papers make up the contents :

On Safety Appliances and Precautions Necessary in Mines. By J. R. Godfrey (with 17 figures).

Contacts. By W. H. Ferguson.

Some Notes on Dry Crushing. By N. F. White (with 10 figures).

Contouring on Mining Properties with the Aid of the Tachometer. By H. P. Seale (with 10 figures).

Diamond Mines and Alluvial Deposits, South Africa. By P. R. Day.

The Manufacture of Sulphuric Acid and its Use in Metallurgy. By W. H. Mawdsley (with 10 figures).

Mine Stores. By F. Danvers Power.

The Use of Electricity in Mining. By E. F. J. Holcombe Hewlett (with 1 figure).